

Patent Claims:

1. A rod- and tube-extrusion press having upper and lower prestressed laminated tension rods as well as upper and lower compression beams interconnecting a cylinder crosshead and a counter crosshead of a press frame and on which are mounted a movable crosshead and a movable container into which a loader places a billet to be pressed through a die on the counter crosshead,

characterized in that

the movable crosshead (5) and the container (6) are supported on guide units (15) bearing with rollers (12) on the press frame (1).

2. The rod- and tube-extrusion press according to claim 1,

characterized in that

the rollers (12) of the guide units (15) ride on guide rails (14) on the lower beams (4).

3. The rod- and tube-extrusion press according to claim 1 or 2,

characterized in that the movable crosshead (5) is supported on two such guide units (15) and the container (6) on four such guide units (15).

4. The rod- and tube-extrusion press according to one of claims to 3,
characterized in that
the movable crosshead (5) and the container (6) sit via free
5 supports (17) on the guide units (15).

5. The rod- and tube-extrusion press according to claim 4,
characterized in that
the free supports (17) each have a pressure plate (21) on the
10 respective guide unit (15) and supporting a ball part (18) in turn
bearing via a slide plate (19) on the respective crosshead (5) or
container (6).

6. The rod- and tube-extrusion press according to claim 5,
15 characterized in that
a spacer (22) is provided between each slide plate (19) and the
cross beam (5) or container (6).

7. The rod- and tube-extrusion press according to claims 1 to 6,
20 characterized in that
the free supports (17) of the guide units (15) are biased by
springs (24).

8. The rod- and tube-extrusion press according to claim 7, characterized in that the springs (24) are prestressed.